



CALIFORNIA FREIGHT MOBILITY PLAN - UPDATE

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OUTLINE

CFMP Project List Update

for Trade Corridor Enhancement Program (TCEP) Reasonable Geographic Targets by CTC

CFMP 2014 Addendum (for FAST Act Compliance)

CFMP 2019

Freight Data Working Group

CFMP PROJECT LIST UPDATE

TCEP REASONABLE GEOGRAPHIC TARGET SETTING BY CTC

CFMP 2014: **707 Projects** (\$138 billion)

As of August 2017: **953 Projects** (\$187 billion)

81 Projects Completed/Deleted (\$7.6 billion)

312 Projects Added

303 Projects Revised

338 Projects No Change

California
Freight Mobility Plan

December 2014

3

CFMP 2014 ADDENDUM

FOR FAST ACT COMPLIANCE

THREE new requirements due Dec 2017 (delayed)

1. Congestion or delay caused by Freight

METRANS webinars and report

2. Critical Urban/Rural Freight Corridors

Technical Working Group Process Final

Corridor nomination solicitation - launching soon

3. Freight Investment Plan

Pending CTC's Trade Corridor Enhancement Program Guidelines

Pending Project Selection



CFMP 2019

PER FAST ACT (49 U.S.C. 70202)

“

... multimodal in scope.

... a critical resource for the States to use in **prioritizing** freight transportation investments and **guiding** future transportation policymaking.

... **prioritization of freight projects (within a State Freight Plan) is now mandatory.**

... a freight investment plan must include a prioritized list of projects and describe how funds made available to carry out the NHFP would be invested and matched by other funding sources.

... strengthen DOT's ability to respond to requirements for **future revisions of the multimodal National Freight Strategic Plan** [...], which requires [...] the identification of **freight infrastructure bottlenecks** and information on the **cost of addressing each bottleneck**, as well as any operational improvements...

Accurate information of this type cannot be developed at the national level but rather must rely on **careful assessments at the State and MPO levels**, some of which is now required in State Freight Plans.

”

CFMP 2019 REQUIRED ELEMENTS

AND OPTIONAL ELEMENTS, PER FAST ACT (49 U.S.C. 70202)

... must address for each of the transportation modes...

... must address a 5-year forecast period, although DOT strongly encourages an outlook of two decades or more.

1. Significant freight system **trends, needs, and issues**
2. Freight **policies, strategies, and performance measures** to guide transportation investment
3. Multimodal critical rural freight **facilities and corridors** and Critical rural and urban freight corridors
4. Plan to meet the national **multimodal freight policy** goals and the national **highway freight program** goals
5. **Innovative technologies** and operational strategies to improve safety and efficiency of freight movement
6. **Description of improvements** to reduce or impede the pavement deterioration by heavy vehicles
7. **Inventory of facilities with freight mobility issues** (e.g., bottlenecks) and strategies to address issues
8. Strategies to **mitigate congestion or delay caused by freight**
9. **Freight investment plan** (priority projects, funds to be invested and matched)
10. Consultation with the State Freight Advisory Committee

CFAC ROLE

PER FAST ACT

Advise the State on freight-related priorities, issues, projects, and funding needs;

Serve as a **forum for discussion** of State transportation decisions affecting freight mobility;

Communicate and coordinate regional priorities with other organizations (for example, among a State's DOT, MPOs, tribal and other local planning organizations);

Promote the **sharing of information** between the private and public sectors on freight issues; and

Participate in the development of the State Freight Plan.

CFMP 2019

5-YEAR UPDATE (PER FEDERAL AND STATE LEGISLATION)

Caltrans + Consultants

Fehr & Peers (lead)

+ HDR (strategic goals)

+ Tioga Group (multimodal freight)

+ EDR Group (economic analysis)

+ Curt Pringle & Assoc. (stakeholder outreach)

+ Innovation Panel (academics)



FREIGHT DATA WORKING GROUP

**IDENTIFY NEEDS
DEVELOP SOLUTIONS
COMPLIANCE + ACCOUNTABILITY**

DATA DRIVEN DECISION MAKING

PRIORTIZING NEEDS AND PROJECTS

FEDERAL DATA SOURCE

General Data and Analysis Sources on Freight
Data on Demographics and Economic Censuses
International Statistics
International Trade Data and Analysis
Maritime Data and Statistics
Rail Freight Resources and Statistics
Safety Data
Air Freight Statistics
Community Impacts

TCEP OUTPUTS

Highway

- Road
- Interchange
- Bridge

Grade Separations

Rail

Port

TCEP OUTCOMES

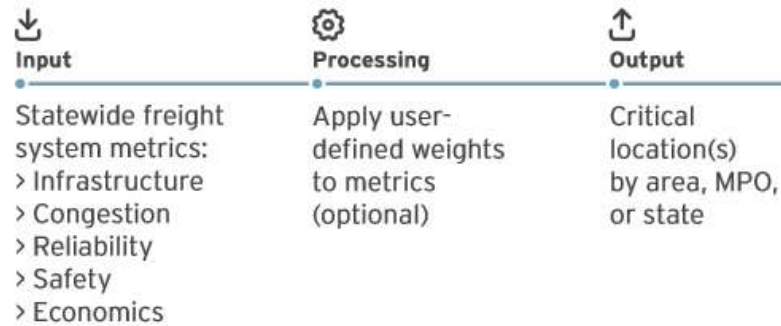
- Throughput, Velocity, and Reliability
- Safety
- Congestion Reduction/Mitigation
- Bottleneck Relief
- Multi-Modal Strategy
- Interregional Benefits
- Air Quality Impacts
- Community Impact Mitigation
- Economic/ Jobs Growth
- Innovation

DATA AND TOOLS

+ APPLICATION

Output / Outcome	Metric	Data Source and Tools
Throughput		FAF, TAM, Truck Count, Caltrans Truck Survey (CA-Vius), Truck Book
Velocity		NPMRDS, PeMS, TAM, Data, Caltrans Weight in Motion (CTWIM)
Reliability		Mobility Performance Reporting & Analysis Program (MPRAP), National Performance Management Research Data Set (NPMRDS)
Safety		Cal B/C, SWITRS, Table C
Congestion Reduction		Mobility Performance Reporting & Analysis Program (MPRAP)
Freight Rail Improvements		Cal B/C, Emissions Model, SHRP2, C11, Freight Analysis Framework
Capacity/Efficiency of Ports		Ports Performance Measures
Truck Corridor Improvements		Cal B/C can do truck only by Dec 12/17
Border Access Improvements		BINUS, Border Wait times Study
Air Quality Impact		Cal B/C (Emissions Only). Emissions Model
Economic / Job Growth		Economic Multipliers, IMPLAN, TREVIS, REMI
State of good repair		Transportation Assets Management

Problem Identification



Prioritization



Project Benefits



CALIFORNIA CONTEXT

SYSTEM OF SYSTEMS

Local

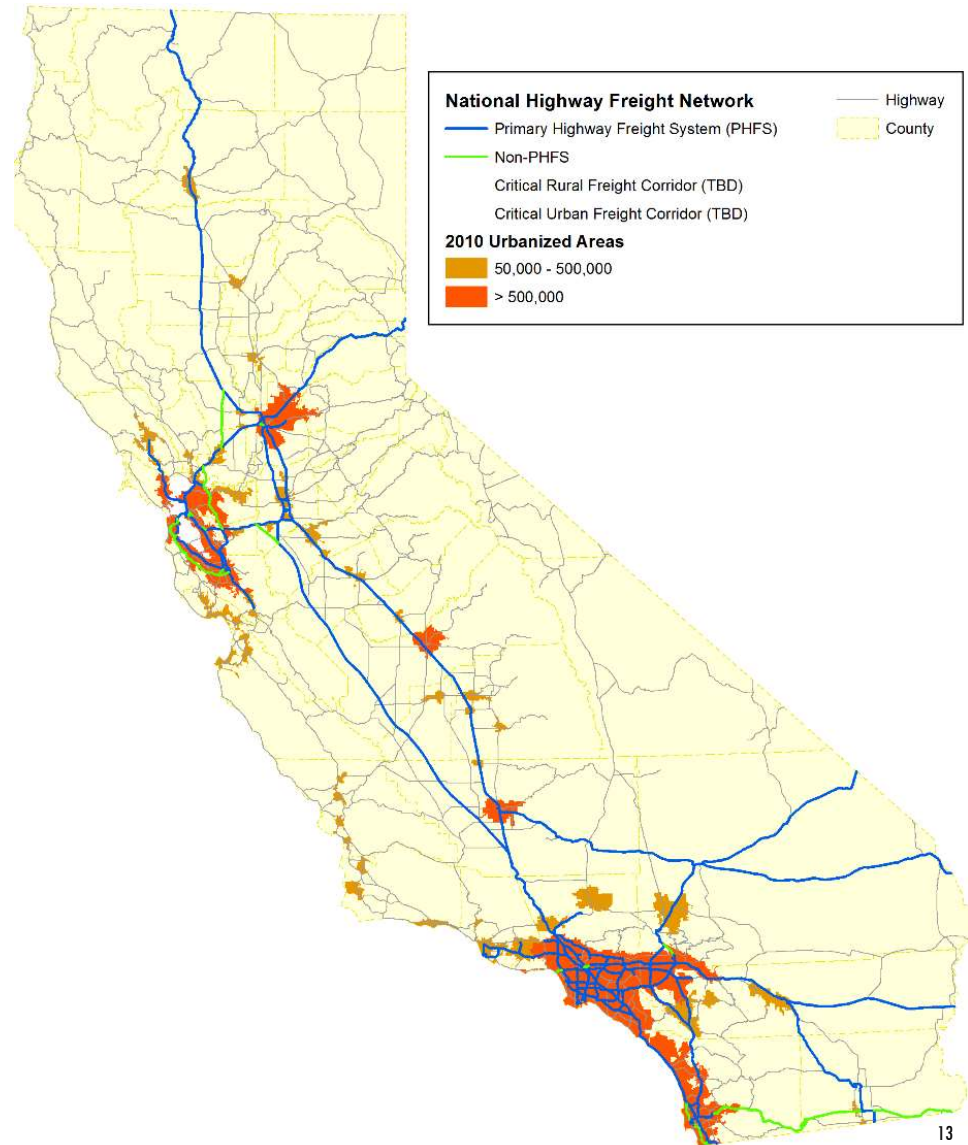
Regional

Mega-regional

Statewide

National

International



CALIFORNIA FREIGHT MOBILITY PLAN

PROPOSED NEXT STEPS ON ENGAGEMENT

Freight Data Working Group

Quarterly (proposed)

CFAC Meetings

Quarterly (Jan, Apr, Jul, Oct)

Critical Urban/Rural Freight Corridors

Ongoing rolling designations

THANK YOU!

FEDERAL

[HTTPS://WWW.FEDERALREGISTER.GOV/DOCUMENTS/2016/10/14/2016-24862/GUIDANCE-ON-STATE-FREIGHT-PLANS-AND-STATE-FREIGHT-ADVISORY-COMMITTEES](https://www.federalregister.gov/documents/2016/10/14/2016-24862/guidance-on-state-freight-plans-and-state-freight-advisory-committees)

STATE

[HTTP://WWW.CATC.CA.GOV/ACTIVITIES/CFIP/](http://www.catc.ca.gov/activities/cfip/)

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